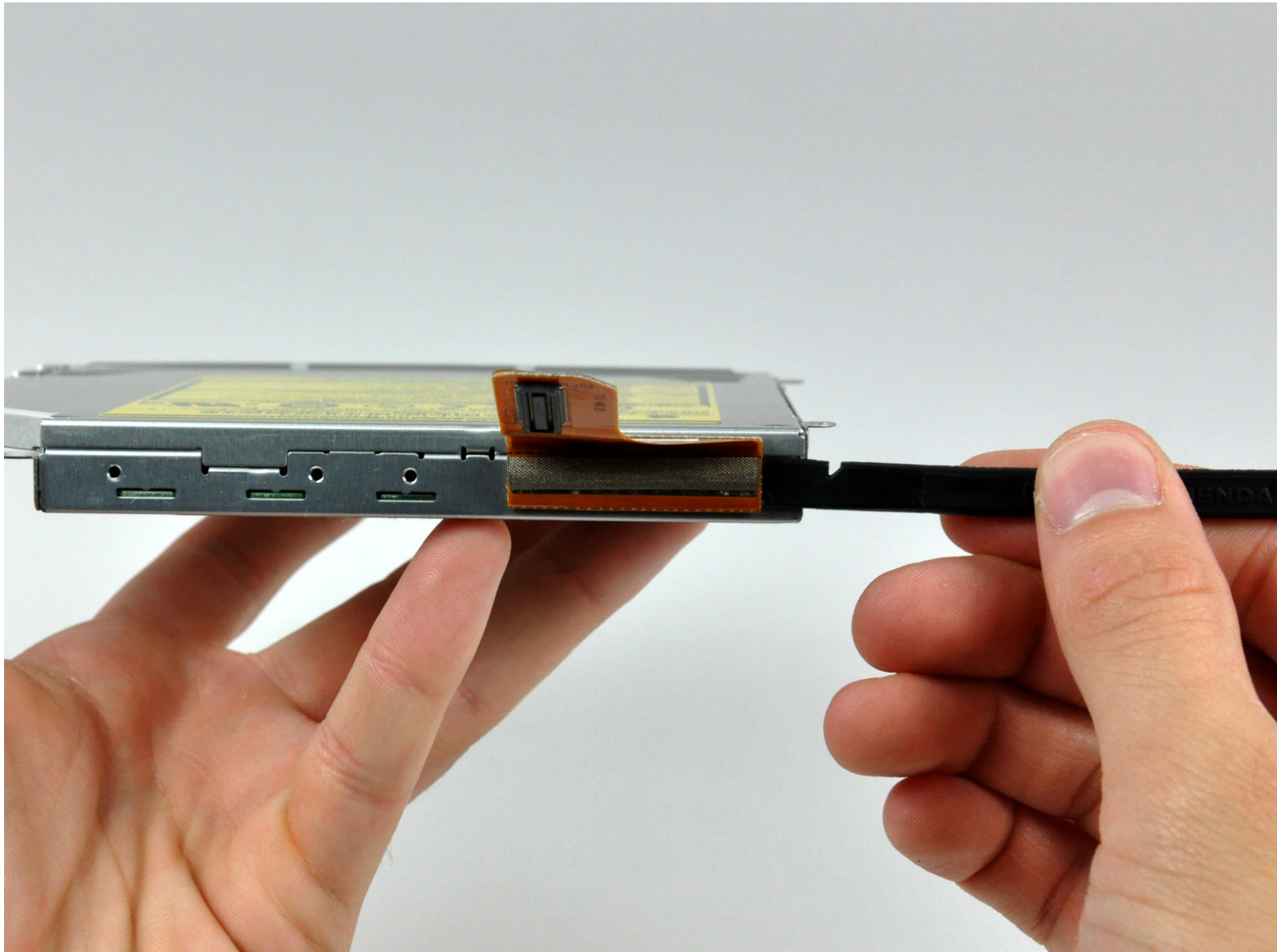




PowerBook G4 Aluminum 17" 1.67 GHz (High-Res) Optical Drive Replacement

Replace the optical drive in your PowerBook G4 Aluminum 17" 1.67 GHz (High-Res).

Written By: Walter Galan



INTRODUCTION

Replace your optical drive to regain disk-reading ability.



TOOLS:

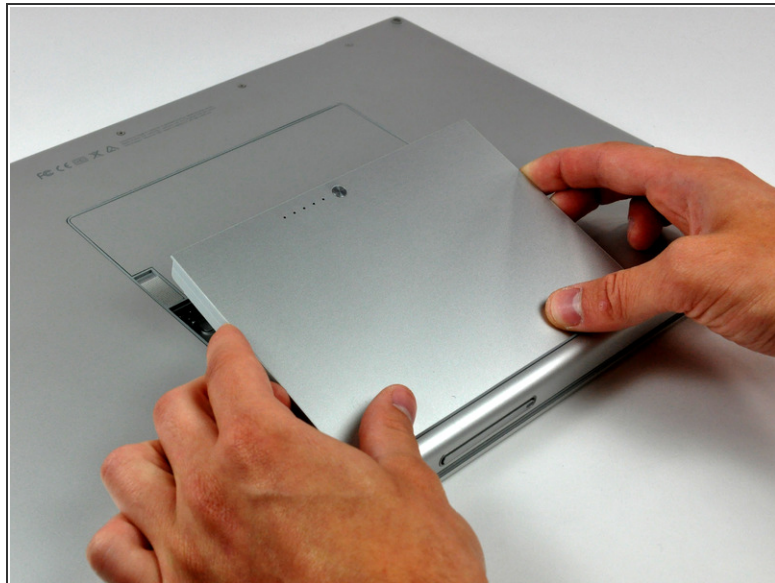
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T8 Torx Screwdriver](#) (1)



PARTS:

- [12.7 mm PATA 8x SuperDrive \(UJ-875\)](#) (1)
- [G4 Aluminum 17" 1.67 GHz \(HR\) SuperDrive Ribbon Cable](#) (1)
- [12.7 mm PATA Optical Bay PATA Hard Drive Enclosure](#) (1)

Step 1 — Battery



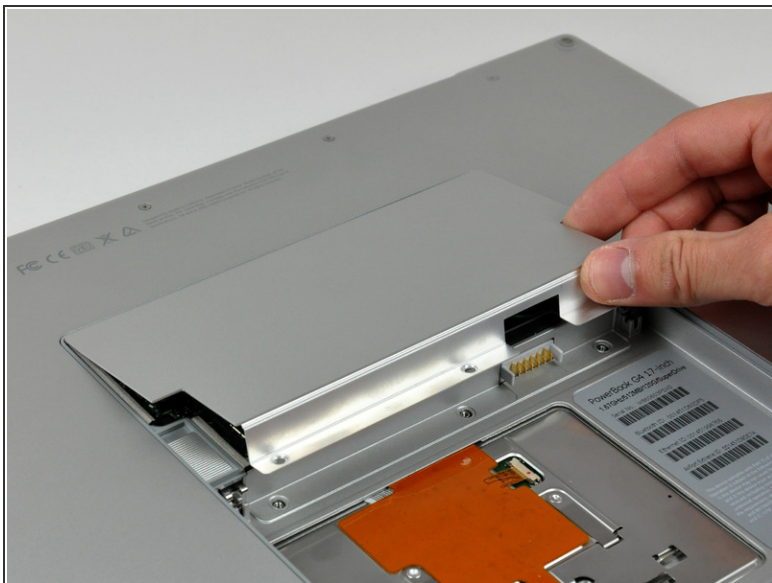
- Use your thumbs to push the two battery retaining tabs away from the battery.
- The battery should pop up enough to rotate it toward yourself and lift it out of the lower case.

Step 2 — Memory Door



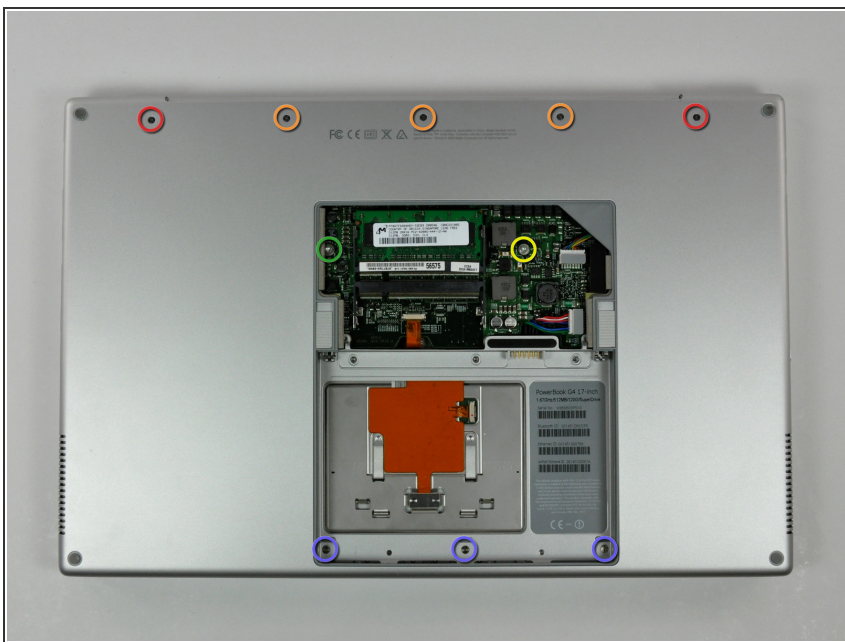
- Remove the three 2.3 mm Phillips screws securing the memory cover to the lower case.

Step 3



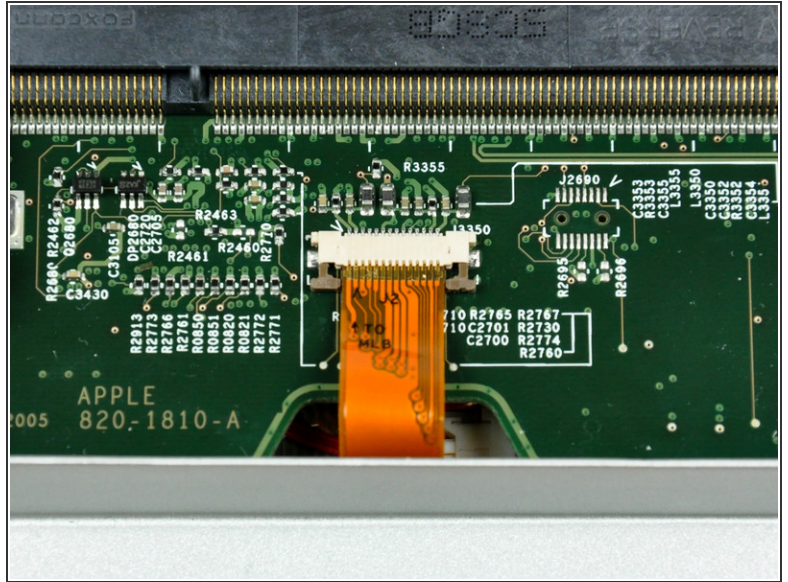
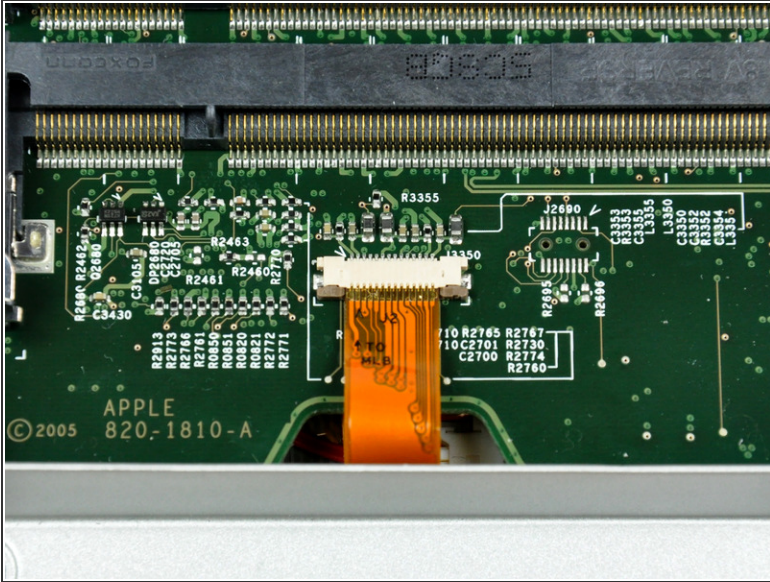
- Lift the memory cover slightly and pull it toward yourself to remove it from the lower case.

Step 4 — Upper Case

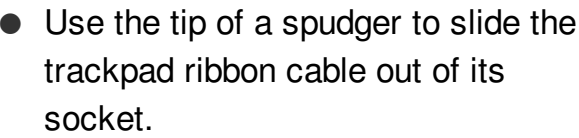


- Remove the following ten screws:
 - Two 14.7 mm shouldered Phillips.
 - Three 12.3 mm Phillips.
 - One 3.8 mm T8 Torx.
 - One 6.8 mm T8 Torx.
 - Three 1.3 mm Phillips.

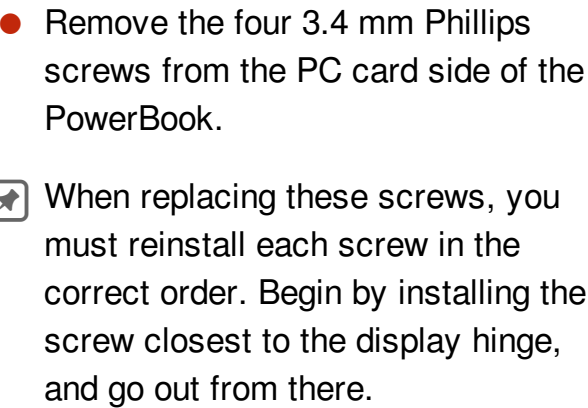
Step 5

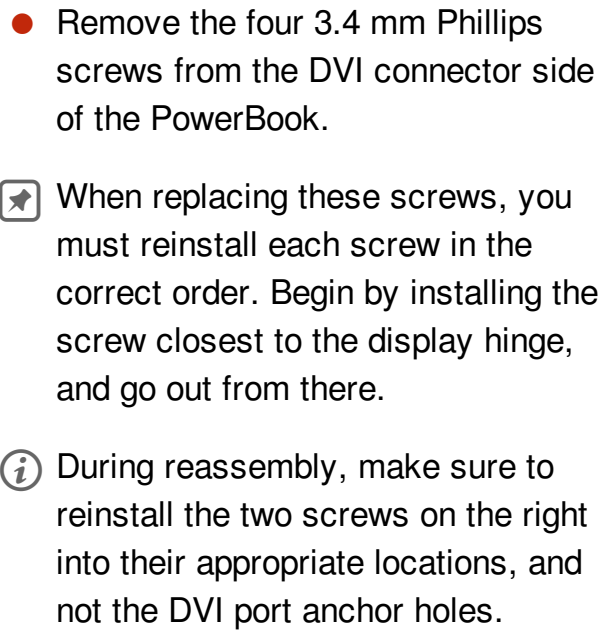


- i** The ZIF cable is located underneath the bottom RAM slot. If your PowerBook has both RAM slots occupied, make sure to [remove](#) the RAM chip.
- Use your fingernails to separate the ZIF cable lock away from its socket. (Move the two brown bits down 1mm)
- !** The ZIF cable lock will move about a millimeter away from the socket before it stops (see picture 2). **Do not** try to remove the ZIF cable lock.



Step 7





Step 9



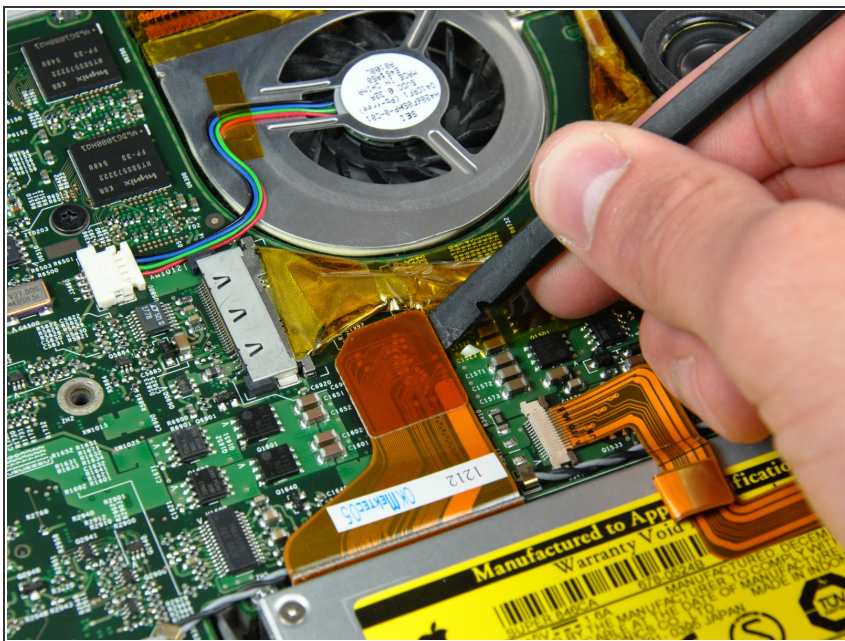
- Depress the display latch release button and open your display.

Step 10



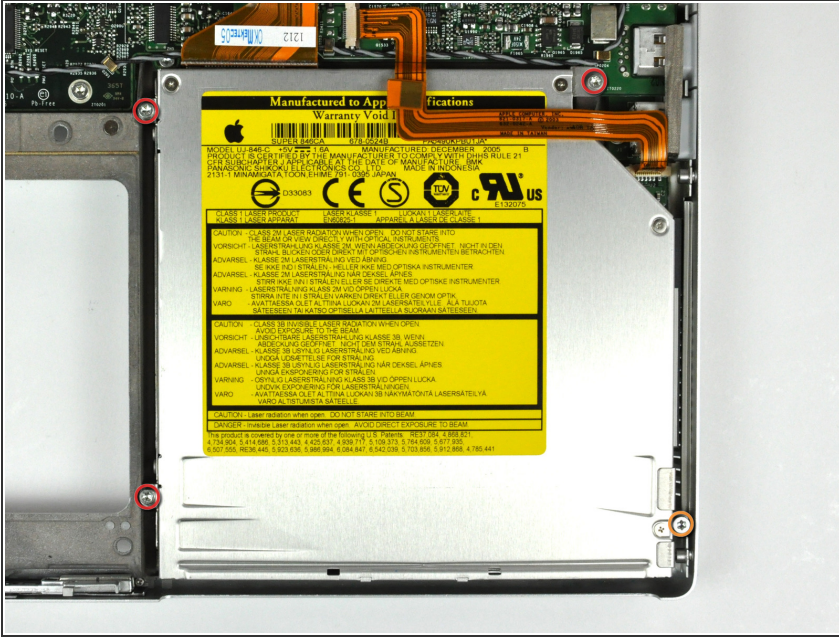
- Starting near the display, lift the upper case straight up off the lower case, minding any cables that may get caught.

Step 11 — Optical Drive



- Use the flat end of a spudger to pry the optical drive cable connector up off the logic board.

Step 12



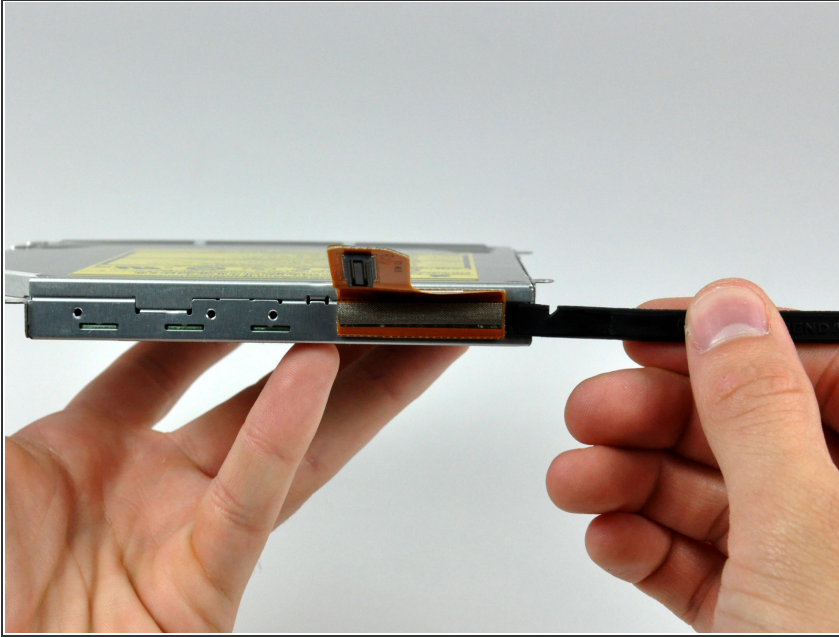
- Remove the following four screws securing the optical drive to the lower case:
 - Three 6.8 mm T8 Torx.
 - One 3.8 mm T8 Torx.

Step 13



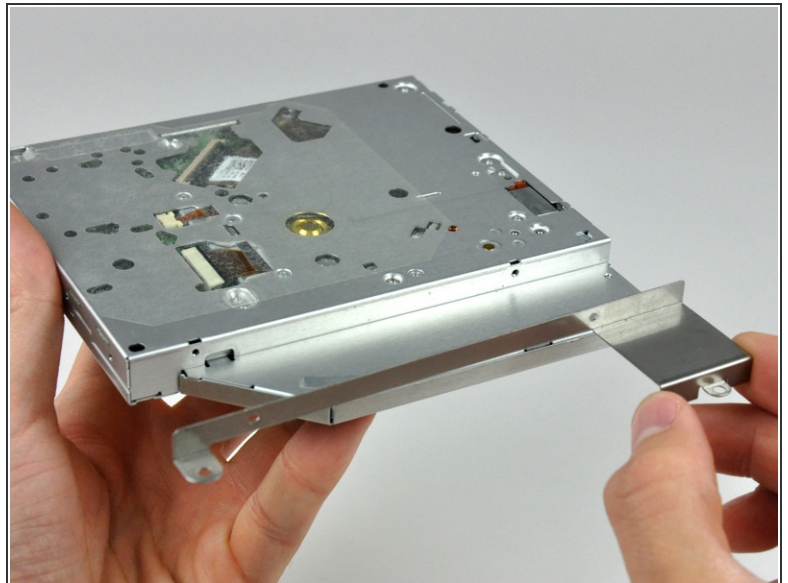
- Lift the optical drive out of the lower case, being careful not to disturb the PRAM battery & USB board ribbon cable.

Step 14 — Optical Drive



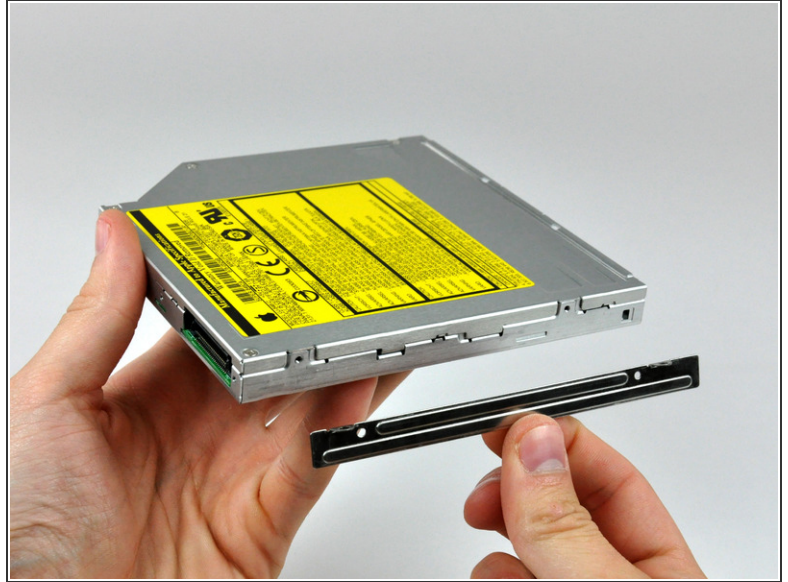
- Use the flat end of a spudger to separate the optical drive connector from the optical drive.
- If necessary, pull the optical drive cable away from the optical drive.

Step 15



- Remove the two Phillips screws holding the optical drive bracket to the side of the optical drive.
- Pull the optical drive bracket away from the thin side of the optical drive.

Step 16



- Remove the two Phillips screws securing the flat optical drive bracket to the side of the optical drive.
- Remove the optical drive bracket.
- ⓘ If you have a disk or anything else stuck inside your optical drive, we have a [guide](#) to fix it.

To reassemble your device, follow these instructions in reverse order.

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